Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 11 Jan 2021 until 23:59 on Tuesday 12 Jan 2021

Forecast Issued on Sunday 10 Jan 2021 at 16:36

Confidence: High for changeable conditions through the coming week and for Tuesday becoming a fine day, but lower with regard to timings and clearance of the various bands of precipitation.

Headline for Monday 11 Jan 2021: Bright start but cloud increasing with rain in afternoon. Strong, mainly westerly winds.

Mountain weather hazards on Monday 11 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Light rain	Heavy Rain	Heavy Rain
Precipitation probability							
10%	10%	10%	20%	30%	70%	80%	>95%

Forecast for Monday 11 Jan 2021

Weather: Rather cloudy in west with a few spots of rain but some clearer spells in east through the early hours. Then bright start, especially in east, with some sunny spells but becoming cloudier through the morning with patchy rain in west. The rain becoming more persistent through the afternoon and occasionally heavy later.

Chance of cloud free mountain/hill tops above 600m: Around 60% at first, especially in east, becoming around 25% by midday and then close to zero by evening.

Visibility: Occasional, especially in east, or periods of cloud above 600m lowering to 450m at times through the afternoon and becoming more extensive through the evening. Below the cloud visibility hazy becoming just a few kilometres in heavier rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Monday 11 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/34 W	27/38 W	26/37 W	27/38 SW	27/37 SW	29/42 W	27/39 W	27/39 W	22/33 W
300	17/27 W	18/28 W	18/29 SW	20/31 SW	20/29 SW	23/35 SW	21/33 W	21/34 W	18/30 W
Valley	12/25 W	12/27 W	12/27 W	13/29 SW	12/28 SW	16/33 SW	15/33 W	15/32 W	13/27 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-6	1/-7	1/-6	2/-5	3/-4	4/-3	4/-3	3/-3
300	3/-2	3/-2	3/-3	4/-2	4/-1	5/-0	6/1	6/1	5/0
Valley	4/-0	4/-1	4/-1	4/-0	5/1	6/1	6/2	6/2	6/2
Freezing Level*	900m	800m	800m	800m	1100m	1400m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph over summits, especially in afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 10 Jan 2021	0.6mm	1mm	1mm

Forecast for Tuesday 12 Jan 2021

Weather: Outbreaks of rain and, increasingly above 600m, sleet and perhaps snow through the early hours clearing around or soon after dawn. Then a dry day with almost unbroken sunshine. Cloud, above the summits, increasing later in the evening but remaining dry.

Maximum wind: Westerly 20-25mph, gusts 40mph over summits, through the early hours, veering northerly or northwesterly 15mph around or soon after dawn, decreasing 10mph or less in afternoon.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the night becoming 100% around or soon after dawn with little or no cloud expected below the summits through much of the day.

Visibility: Periods or persistent cloud above 450-600m at first clearing around or soon after dawn. Visibility below the cloud, several kilometres in overnight rain soon becoming very good with some good panoramic views.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to plus 5 Celsius by day.
At 600m: Plus 3 Celsius falling to zero around or soon after dawn then minus 3 Celsius by evening.
Freezing level: Above the summits falling 600m around dawn then less than 300m by evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved